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Art Unit: 2193

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From: Winston Hsu, Registration No. 41,526

Serial No.: 10/710,398

Attorney Docket No.: MTKP0068USA

Subject: Information Disclosure Statement (IDS)

Total Pages: 27 pages (including cover page)

Winston Hsu 2005/06/29

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PTO/SB/97 (09-04)
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## Certificate of Transmission under 37 CFR 1.8 I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office 06/29/2005 **Date** Cindy Lin Typed or printed name of person signing Certificate Voice Mail: 302-729-1562 Registration Number, if applicable Telephone Number Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper. Application No: 10/710,398 (1) Transmittal Form 1 PAGE (2) Fee Transmittal 1 PAGE (3) Information Disclosure Statement 23 PAGES

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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TRANCE	ALT'T A I	Filing Date	10/710,39			
TRANSMITTAL FORM		First Named Inventor	07/08/2004			
FUR	(IV)	Art Unit	Yung-Chu	un Lei		
		Examiner Name	2193		<del></del>	
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Total Number of Pages in Th	nis Submission 25	Attorney Docket Number	MTKP006	BBUSA		
	ENC	LOSURES (Check all	that apply)			
Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)		Drawing(s) Licensing-related Papers		After Allowance Communication to Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC		
		Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Terminal Disclaimer		(Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please identify below):		
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Signature		Wenton	Hars			
Printed name		Winston I	-lsu			
Date 06/29/2005			Reg. No.	41,526		
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I hereby certify that this correspond to the date shown below:  Signature	espondence is being facsi iss mail in an envelope ad	imile transmitted to the USPT Idressed to: Commissioner fo	O or deposited v r Patents, P.O. E	with the United States Postal Se Box 1450, Alexandria, VA 22313	rvice with -1450 on	
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Effective on 12/08/2004.				Complete If Known					
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).			1	Application Number 10/710,398					
FEE TRANSMITTAL		\L [	iling Date	C	07/08/200	)4			
	For FY 2	005		First Named Im	ventor Y	rung-Chu	ın Lei		
				Examiner Name	e N	IGO, CH	UONG D	· · · · · · · · · · · · · · · · · · ·	
Applicant d	alms small entity statu	s. See 37 CFR 1.2	27	Art Unit	2	2193		<del></del>	
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Design	200	100	100	50	130	65	-		
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Date 06/29/2005

Name (Print/Type) Winston Hsu

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PTO/SB/08B (08-03) Approved for use through 07/31/2006, OMB 0651-0031 U.S. Petert and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number. Complete If Known Substitute for form 1449/PTO **Application Number** 10/710,398 INFORMATION DISCLOSURE **Filing Date** 07/08/2004 STATEMENT BY APPLICANT First Named Inventor Yung-Chun Lei Art Unit 2193 (Use as many sheets as necessary) **Examiner Name** NGO, CHUONG D Sheet 1 **Attorney Docket Number** MTKP0068USA of

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
nitials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	ALAN V. OPPENHEIM, Realization of Digital Filters Using Block-Floating-Point Arithmetic., IEEE TRANSACTIONS ON AUDIO AND ELECTROACOUSTICS., JUNE 1970, pp. 130-136, VOL. AU-18, NO.2.	
	2	CHUN TE EWE, PETER Y.K. CHEUNG, and GEORGE A. CONSTANTINIDES., Dual Fixed-Point: An Efficient Alternative to Floating-Point Computation., 2004, pp.200-208.	
	3	SHIRO KOBAYASHI and GERHARD P. FETTWEIS., A NEW APPROACH FOR BLOCK-FLOATING-POINT ARITHMETIC., Acoustics, Speech, and Signal Processing., ICASSP '99. Proceedings., 1999 IEEE International Conference, 15-19 Mar 1999, pp. 2009-2012, Vol. 4.	
<u> </u>			
<u></u>			

Examiner	Date	
Signature	Considered	

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<sup>\*</sup>EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT** 

JUN 2 9 2005

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Yung-Chun Lei, Yu-Chu Chen, Yu-Chi Chang

5 Appl. No.:

10/710,398

Filing Date: 07/08/2004

Examiner:

NGO, CHUONG D

Art Unit: 2193

Docket No.:

MTKP0068USA

Title: DIGITAL SIGNAL PROCESSOR BASED ON JUMPING FLOATING-POINT ARITHMETIC

To:

Commissioner for Patents

P.O. BOX 1450

Alexandria, VA 22313-1450

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Subject:

Information disclosure statement under 37 CFR §1.56

Dear Sir,

This is an Information Disclosure Statement in accordance with the duty to disclose information material to patentability under 37 C.F.R. §1.56. The applicant wishes to make of record the documents listed on the accompanying form PTO/SB/08.

All items of information contained in this IDS were disclosed by the inventors. Since this IDS is filed before the mailing date of the first Office action, consideration of the information disclosure statement is hereby requested according to 37 CFR §1.97(e).

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure

statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

It is respectfully requested that the examiner can consider the document(s) listed on the accompanying form PTO/SB/08 and that it be made of record in the application. The applicants sincerely hope that the examiner initials the cited reference(s) on the form and that a copy of the initialed form be sent to the applicants with the next communication from the examiner.

10 Respectfully submitted,

Wintentan

Date: <u>June 29, 2005</u>

Winston Hsu, Patent Agent No. 41,526

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

15 Voice Mail: 302-729-1562 Facsimile: 806-498-6673

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